

FORM PTO-1449  
(REV. 7-89)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
480140.476APPLICATION NO.  
10/087,600APPLICANTS  
Teresa Aja et al.FILING DATE  
March 1, 2002GROUP ART UNIT  
1645INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS	AA	4,582,821	04/15/86	Kettner et al.	514	18	
	AB	4,644,055	02/17/87	Kettner et al.	530	330	
	AC	5,416,013	05/16/95	Black et al.	435	226	
	AD	5,504,080	04/02/96	Karanewsky	514	214	
	AE	5,567,425	10/22/96	Bathurst et al.	424	195.1	
	AF	5,624,672	04/29/97	Bathurst et al.	424	195.1	
	AG	5,635,186	06/03/97	Bathurst et al.	424	195.1	
	AH	5,635,187	06/03/97	Bathurst et al.	424	195.1	
	AI	5,691,179	11/25/97	Korsmeyer	435	240.1	
	AJ	5,756,465	05/26/98	Sleath et al.	514	17	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AS	AK	WO 91/15577	10/17/91	WIPO		
	AL	WO 92/17490	10/15/92	WIPO		
	AM	0 528 487 A2	02/24/93	EP		
	AN	WO 93/05071	03/18/93	WIPO		
	AO	0 533 226 A2	03/24/93	EP		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AP	English Abstract of EP 0 618 233 B1, esp@cenet.net database, October 5, 1994.
	AQ	Altschul et al., "Gapped BLAST and PSI-BLAST: A New Generation of Protein Database Search Programs," <i>Nucleic Acids Research</i> 25(17):3389-3402, 1997.
	AR	Armstrong et al., "Fas-Induced Activation of the Cell Death-Related Protease CPP32 is Inhibited by Bcl-2 and by ICE Family Protease Inhibitors," <i>J. of Biol. Chem.</i> 271(28):16850-16855, 1996.

EXAMINER

DATE CONSIDERED

6/28/04

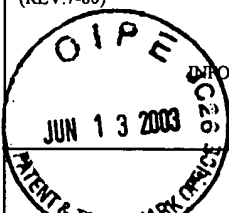
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FORM PTO-1449  
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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
480140.476

APPLICATION NO.  
10/087,991



INFORMATION DISCLOSURE STATEMENT  
(Use several sheets if necessary)

APPLICANTS  
Teresa Aja et al.

FILING DATE  
March 1, 2002

GROUP ART UNIT  
1645

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### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AJ	BA	5,798,247	08/25/98	Albrecht et al.	435	212	
	BB	5,847,135	12/08/98	Bemis et al.	544	264	
	BC	5,866,545	02/02/99	Hagmann et al.	514	18	
	BD	5,867,519	02/02/99	Filgas	372	93	
	BE	5,869,519	02/09/99	Karanewsky et al.	514	415	
	BF	5,877,197	03/02/99	Karanewsky et al.	514	397	
	BG	5,919,790	07/06/99	Allen et al.	514	278	
	BH	5,968,927	10/19/99	Karanewsky et al.	514	214	
	BI	6,004,579	12/21/99	Bathurst et al.	424	450	
	BJ	6,004,933	12/21/99	Spruce et al.	514	17	

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
AJ	BK	WO 93/09135	05/13/93	WIPO		
	BL	WO 93/14777	08/05/93	WIPO		
	BM	WO 94/03480	02/17/94	WIPO		
	BN	0 618 223 A2	10/05/94	EP		
	BO	0 618 233 B1	04/28/99	EP		

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	BP	Boudreau et al., "Suppression of ICE and Apoptosis in Mammary Epithelial Cells by Extracellular Matrix," <i>Science</i> 267:891-893, February 10, 1995.
	BQ	De Lombaert et al., "Practical Syntheses of a Novel Tricyclic Dipeptide Mimetic Based on a [6H]-Azepino Indoline Nucleus: Application to Angiotensin-Converting Enzyme Inhibition," <i>Tetrahedron Letters</i> 35(41):7513-7516, 1994.
	BR	Dakin et al., "A General Reaction of Amino Acids," <i>J. of Biol. Chem.</i> 78:91-105, 1928.

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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 480140.476	APPLICATION NO. 10/087,607
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANTS Teresa Aja et al.	
		FILING DATE March 1, 2002	GROUP ART UNIT 1645

## .S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AJ	CA	6,083,981	07/04/00	Allen et al.	514	471	
	CB	6,136,787	10/24/00	Black et al.	514	18	
	CC	6,153,591	11/28/00	Cai et al.	514	19	
	CD	6,179,750	01/30/01	Loneragan	482	47	
	CE	6,184,210	02/06/01	Keana et al.	514	19	
	CF	6,187,771	02/13/01	Karanewsky et al.	514	212.05	
	CG	6,197,750	03/06/01	Karanewsky et al.	514	19	

## FOREIGN PATENT DOCUMENTS

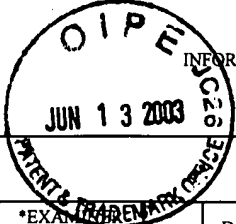
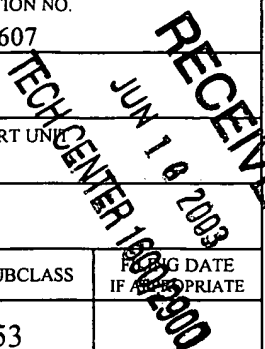
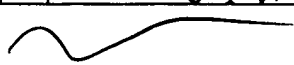
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AJ	CH	WO 97/07805	03/06/97	WIPO		
	CI	WO 97/08174	03/06/97	WIPO		
	CJ	WO 97/22618	06/26/97	WIPO		
	CK	WO 97/22619	06/26/97	WIPO		
	CL	WO 97/47545	12/18/97	WIPO		
	CM	0 623 606 B1	01/07/98	EP		
	CN	WO 98/10778	03/19/98	WIPO		
	CO	WO 98/11129	03/19/98	WIPO		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	CP ✓	Dolle et al., "P <sub>1</sub> Aspartate-Based Peptide $\alpha$ -(2,6-Dichlorobenzoyl)oxy)methyl Ketones as Potent Time-Dependent Inhibitors of Interleukin-1 $\beta$ -Converting Enzyme," <i>J. of Med. Chem.</i> 37(5):563-564, 1994.
AJ	CQ	Enari et al., "Sequential Activation of ICE-Like and CPP32-Like Proteases During Fas-Mediated Apoptosis," <i>Nature</i> 380:723-726, April 1996.
AJ	CR	Fernandes-Alnemri et al., "Mch3, A Novel Human Apoptotic Cysteine Protease Highly Related to CPP32," <i>Cancer Res.</i> 55(24):6045-6052, December 1995.

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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
A	DA 6,515,173	02/04/03	Ternansky et al.	562	553		
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
A	DB	WO 98/22098	05/28/98	WIPO			
	DC	WO 98/24804	06/11/98	WIPO			
	DD	WO 98/24805	06/11/98	WIPO			
	DE	0 519 748 B1	09/02/98	EP			
	DF	WO 99/06042	02/11/99	WIPO			
	DG	WO 99/06367	02/11/99	WIPO			
	DH	WO 99/07733	02/18/99	WIPO			
	DI	WO 99/25346	05/27/99	WIPO			
	DJ	WO 99/43675	09/02/99	WIPO			
	DK	WO 99/46248	09/16/99	WIPO			
	DL	WO 99/47545	09/23/99	WIPO			
	DM	WO 99/65451	12/23/99	WIPO			
	DN	WO 00/01666	01/13/00	WIPO			
✓	DO	WO 00/20440	04/13/00	WIPO			
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
A	DP	Hoglen et al., "Characterization of the Caspase Inhibitor IDN-1965 in a Model of Apoptosis-Associated Liver Injury," <i>J. of Pharmacology And Experimental Therapeutics</i> 297(2):811-818, January 2001.					
A	DQ	Kerr et al., "Apoptosis: A Basic Biological Phenomenon with Wide-Ranging Implications in Tissue Kinetics," <i>Br. J. of Cancer</i> 26:239-257, 1972.					
A	DR	Kettner et al., "The Purification of Aeromonas Aminopeptides by Affinity Chromatography," <i>Archives of Biochemistry and Biophysics</i> 162:56-63, 1974.					
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## U.S. PATENT DOCUMENTS

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EA						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
A ↓	EB	WO 00/23421	04/27/00	WIPO		
	EC	WO 00/64430	11/02/00	WIPO		
	ED	WO 01/00658 A1	01/04/01	WIPO		
	EE	WO 01/10383 A2	02/15/01	WIPO		
	EF	0 623 592 B1	06/27/01	EP		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

A ↓	EG	Kettner et al., "Kinetics of Inhibition of Aeromonas Aminopeptidase by Leucine methyl Ketone Derivatives," <i>Archives of Biochemistry and Biophysics</i> 165:739-743, 1974.
	EH	Milligan et al., "Peptide Inhibitors of the ICE Protease Family Arrest Programmed Cell Death of Motoneurons in Vivo and in Vitro," <i>Neuron</i> 15:385-393, August 1995.
	EI	Natori et al., "Apoptosis of Sinusoidal Endothelial Cells Occurs During Liver Preservation Injury by a Caspase-Dependent Mechanism," <i>Transplantation</i> 68(1):89-96, July 1999.
	EJ ✓	Nicholson D., "ICE/CED3-Like Proteases as Therapeutic Targets for the Control of Inappropriate Apoptosis," <i>Nature Biotechnology</i> 14(3):297-301, March 1996.
	EK	Rasnick D., "Synthesis of Peptide Fluoromethyl Ketones and the Inhibition of Human Cathepsin B," <i>Analytical Biochemistry</i> 149(2):461-465, September 1985.
	EL ✓	Revesz et al., "Synthesis of P1 Aspartate-Based Peptide Acyloxymethyl and Fluoromethyl Ketones as Inhibitors of Interleukin-1 $\beta$ -Converting Enzyme," <i>Tetrahedron Letters</i> 35(52):9693-9696, 1994.
	EM	Robl et al., "Synthesis of Benzo-Fused, 7,5- and 7,6-Fused Azepinones as Conformationally Restricted Dipeptide Mimetics," <i>Tetrahedron Letters</i> 36(10):1593-1596, 1995.
	EN	Schlegel et al., "CPP32/Apopain is a Key Interleukin 1 $\beta$ Converting Enzyme-like Protease Involved in Fas-Mediated Apoptosis," <i>J. of Biol. Chem.</i> 271(4):1841-1844, 1996.
EO	Thornberry et al., "Inactivation of Interleukin- 1 $\beta$ Converting Enzyme by Peptide (Acyloxy)methyl Ketones," <i>Biochemistry</i> 33:3934-3940, 1994.	

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FA						
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FH						
FI						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
				YES	NO
FJ					
FK					
FL					
FM					

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

A	FN ✓	Warraich et al., "CMV pp65 Antigenicity Enhancement by Anti-Apoptotic Agent IND7312 with Automated Cellular Imaging Analysis," <i>Laboratory Investigation</i> 81(1):237A, Abstract Number 1398, January 2001.
A	FO	Watson et al., "The IL-1 $\beta$ -Converting Enzyme(Caspase-1) Inhibits Apoptosis of Inflammatory Neutrophils Through Activation of IL-1 $\beta$ ," <i>J. of Immunology</i> 161(2):957-962, July 1998.
A	FP	Wyllie et al., "Cell Death: The Significance of Apoptosis," <i>Intl. Review of Cytology</i> 68:251-306, 1980.

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